

Product datasheet for **AR51200PU-S**

QKI / Protein quaking (1-341, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	QKI / Protein quaking (1-341, His-tag) human recombinant protein, 50 µg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSMVGEMET KEKPKPTPDY LMQLMNDKKL MSSLPNFCGI FNHLERLLDE EISVRKDMY NDTLNGSTEK RSAELPDAVG PIVQLQEKLY VPVKEYPDFN FVGRILGPRG LTAKQLEAET GCKIMVRGKG SMRDKKKEEQ NRGKPNWEHL NEDLHVLTIT EDAQNRAEIK LKRAVEEVKK LLVPAEGED SLKQMQLMEL AILNGTYRDA NIKSPALAFS LAATAQAAPR IITGPAPVLP PAALRTPTPA GPTIMPLIRQ IQTAVMPNGT PHPTAAIVPP GPEAGLIYTP YEYPYTLAPA TSILEYPIEP SGVLGAVATK VRRHDMRVHP YQRIVTADRA ATGN
Tag:	His-tag
Predicted MW:	40.1 kDa
Concentration:	lot specific
Purity:	>85% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.2M NaCl, 50% glycerol, 2 mM DTT
Preparation:	Liquid purified protein
Protein Description:	Recombinant human QKI protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_001288014
Locus ID:	9444
UniProt ID:	Q96PU8
Cytogenetics:	6q26
Synonyms:	Hqk; hqkl; QK; QK1; QK3



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Summary:

The protein encoded by this gene is an RNA-binding protein that regulates pre-mRNA splicing, export of mRNAs from the nucleus, protein translation, and mRNA stability. The encoded protein is involved in myelination and oligodendrocyte differentiation and may play a role in schizophrenia. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2014]

Product images: